

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A computer-implemented method for determining fill styles for pixels ~~without any edges~~ in a scan line, the scan line comprising a first pixel having edges and a second pixel without any edges, the method comprising:

for each edge in the first pixel:

determining if each edge touches a bottom border of the first pixel;

for each edge that touches the bottom border of the first pixel, incrementing a first fill style parameter by a difference between a right fill style and a left fill style of the edge, wherein the leftmost fill style in the scan line is set to null;

incrementing a second fill style parameter by the first fill style parameter of the first pixel;

filling the second pixel with a fill style equal to the second fill style parameter; and

displaying the second pixel on a display device to a user.

Claim 2 (canceled).

Claim 3 (currently amended): The computer-implemented method of claim ~~[[2]]~~ 1, wherein the scan line further comprises a third pixel having edges and a fourth pixel without any edges, the method further comprising:

for each edge in the third pixel:

determining if each edge touches a bottom border of the third pixel;

for each edge that touches the bottom border of the third pixel, incrementing a third fill style parameter by a difference between a right fill style and a left fill style of the edge;

incrementing the second fill style parameter by the third fill style parameter of the third pixel; ~~and~~

filling the fourth pixel with a second fill style equal to the second fill style parameter; and

displaying the fourth pixel on the display device to the user.

Claim 4 (currently amended): A computer-implemented method for determining fill styles for pixels ~~without any edges~~ in a scan line, the scan line comprising a first pixel having edges, a second pixel without any edges, a third pixel having edges, and a fourth pixel without any edges, the method comprising:

for each edge in the first pixel:

determining if each edge touches a bottom border of the first pixel;

for each edge that touches the bottom border of the first pixel, incrementing a first fill style parameter by a difference between a right fill style and a left fill style of the edge, wherein the leftmost fill style in the scan line is set to null;

incrementing a second fill style parameter by the first fill style parameter of the first pixel;

filling the second pixel with a first fill style equal to the second fill style parameter;

for each edge in the third pixel,

determining if each edge touches a bottom border of the third pixel;

for each edge that touches the bottom border of the third pixel, incrementing a third fill style parameter by a difference between a right fill style and a left fill style of the edge;

incrementing the second fill style parameter by the third fill style parameter of the third pixel; and

filling the fourth pixel with a second fill style equal to the second fill style parameter; and

displaying the second and the fourth pixels on a display device to a user.